**Table S3**: Summary of share table simulation on milk cartons time in the system, population change, and percent of milk cartons that spoiled.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Time in the system (minutes- median) | Time in the system (minutes- 2.5th – 97.5th quantiles) | Population change (log CFU/ mL - median) | Population change (2.5th – 97.5th quantiles) | Percentage of milk spoiled (%), above 6 log10 CFU/ mL |
| Non-Shared Milk | 81 | 4 - 123 | 0.095 | 0.003-0.16 | 0%  0 / 347,497 |
| Shared Milk | 119 | 9 - 1,489 | 0.16 | 0.006-1.17 | 0.004%  4 / 103,309 |
| Overall | 85 | 4 - 1,480 | 0.010 | 0.004-1.14 | 0.0009%  4 / 450,806 |

**Table S4**: Summary of final location for milk cartons split by

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Total Milk Cartons | Day of service in the system | | | | |
|  | 1 Day | 2 Days | 3 Days | 4 Days | 5 Days |
| Consumed | 385,701 (85.6%) | 343,290  (89.0%) | 41,560  (10.8%) | 838  (0.22%) | 13  (0.003%) | 0  (0%) |
| Discarded | 52,856 (11.7%) | 47,327 (89.5%) | 5,443  (10.3%) | 84  (0.16%) | 2  (0.004%) | 0  (0%) |
| Donated | 12,249  (2.7%) | 11,952  (97.6%) | 292  (2.4%) | 5  (0.04%) | 0  (0%) | 0  (0%) |